

METHOD OF PRODUCING MONOLITHIC OXIDATION CATALYSTS AND THEIR USE IN GAS PHASE OXIDATION OF CARBOHYDRATES**Publication number:** EP1181097**Publication date:** 2002-02-27**Inventor:** EBERLE HANS-JUERGEN (DE); HELMER OLAF (DE); STOCKSIEFEN KARL-HEINZ (DE); TRINKHAUS STEFAN (DE); WECKER ULRICH (DE); ZEITLER NORBERT (DE)**Applicant:** CONSORTIUM ELEKTROCHEM IND (DE)**Classification:****- International:** *C07D307/89; B01J31/06; B01J37/02; C07B61/00; C07C51/265; C07C51/31; B01J21/06; B01J23/22; B01J35/04; C07D307/00; B01J31/06; B01J37/00; C07B61/00; C07C51/16; B01J21/00; B01J23/16; B01J35/00; (IPC1-7): B01J37/02; C07C51/25***- European:** B01J37/02C; C07C51/265; C07C51/31B**Application number:** EP20000943811 20000615**Priority number(s):** DE19991031902 19990708; WO2000EP05519 20000615**Also published as:**WO0103832 (A1)
US6730631 (B1)
KR20020027472 (A)
EP1181097 (A0)
DE19931902 (A1)

more >>

Report a data error here

Abstract not available for EP1181097

Abstract of corresponding document: **DE19931902**

The invention relates to a method of producing monolithic substrate catalysts and to their use in the gas phase oxidation of carbohydrates. Said catalysts are obtained by coating the catalyst substrate with a suspension that consists of a catalytically active compound and one or more surfactants of the general formula R_nY_mX . R represents the hydrophobic part of the surfactant, with n being 1, 2 or 3. Y represents the hydrophilic part of the surfactant, with m being 0, 1, 2 or 3 and X represents the hydrophilic head group of the surfactant.

Data supplied from the **esp@cenet** database - Worldwide